APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Käpernick, E.
SATISFACTORY AND DEFECTIVE ELECTRICALLY PRODUCED (ANODIZED) COATINGS. [1940] 5p. (6 figs. omitted) 2 refs.
Order from SLA mi$1.80, ph$1.80 60-18584

Trans. of Aluminium (Germany) 1937, v. 19, Dec, p. 753-756.

(Unannounced)

60-18584

1. Aluminum--Coatings
2. Title: Eloxalizing
I. Käpernick, E.

Office of Technical Services

PB-

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

To the Question of Diagnosis of Rabies, by V. N. Mitrofanov, N. P. Kapernaumova,

RUSSIAN, mo per, Veterinariya, Vol XXXIV, No 6, Jun 1957, pp 66-68. CIA 9012901

USDA

Sci - Med

53,782

Oct 57

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Kapetanovic, A. and Slijepcevic, Z.
COMPARATIVE EXAMINATION INTO CHEMICAL COMPOSITION OF TOBACCO AND ITS SMOKE. [1962] 15p.
Order from K-H $18.75 K-H 6769-b

Trans. of Duvan (Yugoslavia) 1957 [v. 7] no. 5, p. 159-167.

DESCRIPTORS: *Tobacco, *Smokes, Cigarettes, *Chemical analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-22475

I. Kapetanovic, A.
II. Slijepcevic, Z.
III. K-H-6769-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

C223275

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Determination of Fluorine as Lead Chlorofluoride, by W. Kapfenberger,

GERMAN, per, Aluminium, Vol XXIV, 1942, pp 428-432,

SLA 60-18074

Sci
Feb 62

186,809

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Thickness of the Ice Sheet of the Central Regions of Eastern Antarctica, by A.P.Kapica.
RUSSIAN, per, Geofizicheskij Bjuleten No 13, 1963, pp 57-64
NZDIA

A. P. KAPICA

Sci -
Aug 67

335,099

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

(USSR-D)

First All-Union Conference on the Problem of Tissue Incompatibility and Transplantation of Organs and Tissues, by M. M. Kapichnikov, P. M. Chepov, 9 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIII, No 8, Moscow, 1958, pp 79-83.

JPRS 695-D

Sci - Med
May 59

86,504

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Agglutination Method For Determining The Antigenic Specificity of Cancer Cells, by M. M. Kapichnikov, 4 pp.

RUSSIAN, no per, Byll Esper Biol i Medit, Vol XLI, No 3, Mar 1956, pp 63-65.

Consultants Bureau

SE
Sci - Med

45,486

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

(NY-5100)

DANUBE STEAMSHIP COMPANY DEVELOPS FOREIGN TRADE HAULS, BY L. KAPIKRAYAN, 4 PP.

RUSSIAN, NP, VODNYY TRANSPORT, 16 JAN 1962.

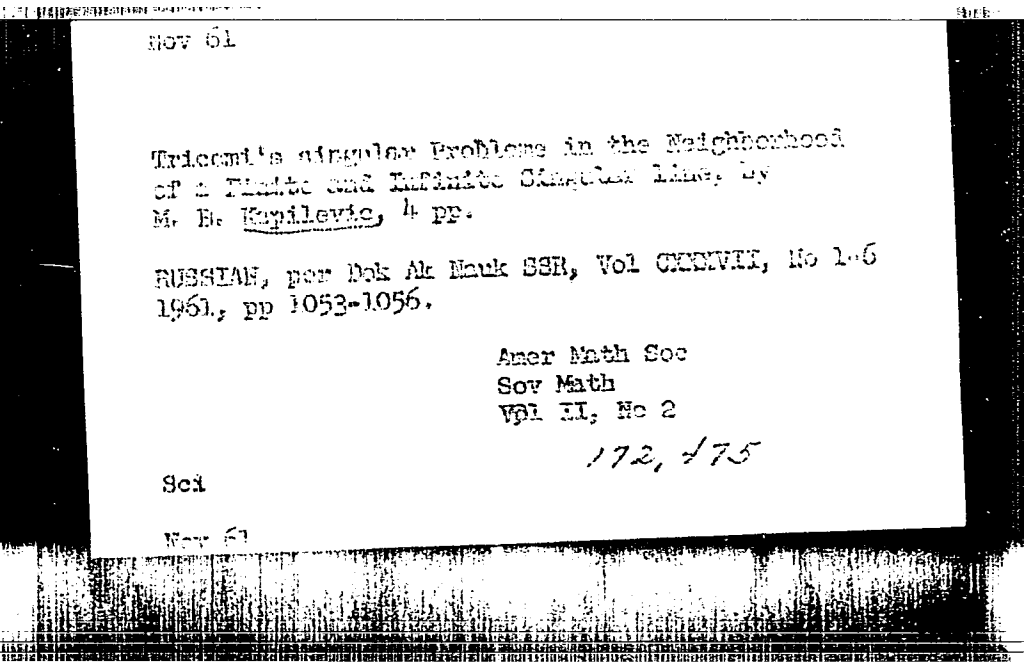
JPRS 14266

USSR
ECON
JUL 62

202,080

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



Nov 61

Tricomi's singular Problems in the Neighborhood of a Finite and Infinite Characteristic Line, by M. B. Kapilevic, 4 pp.

RUSSIAN, per Dok Ak Nauk SSR, Vol CXXXVII, No 1-6 1961, pp 1053-1056.

Amer Math Soc
Sov Math
Vol II, No 2

172, 175

Sci

Nov 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

An Effective Solution of Tricomi Singular Problems for Chaplygin's Equations, by M. B. Kapilevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961, pp 1030-1033.

Amer Math Soc

Sci

200,880

Jun 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Singular Goursat Problems in the Neighborhood of Zero and Infinitely Distant Characteristics, by M. B. Kapilevic, 4 pp.

RUSSIAN, per Dok Ak Nauk SSR, Vol CXXXVII, No 1-6 1961, pp 1287-1290.

Amer Math Soc
Sov Math
Vol II, No 2
112, 458

Sci Nat

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

A Rare Type of Pollen in Hybrid Narcissus, by G. E. Kapinos, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 220-.

Amer Inst of Biol Sci

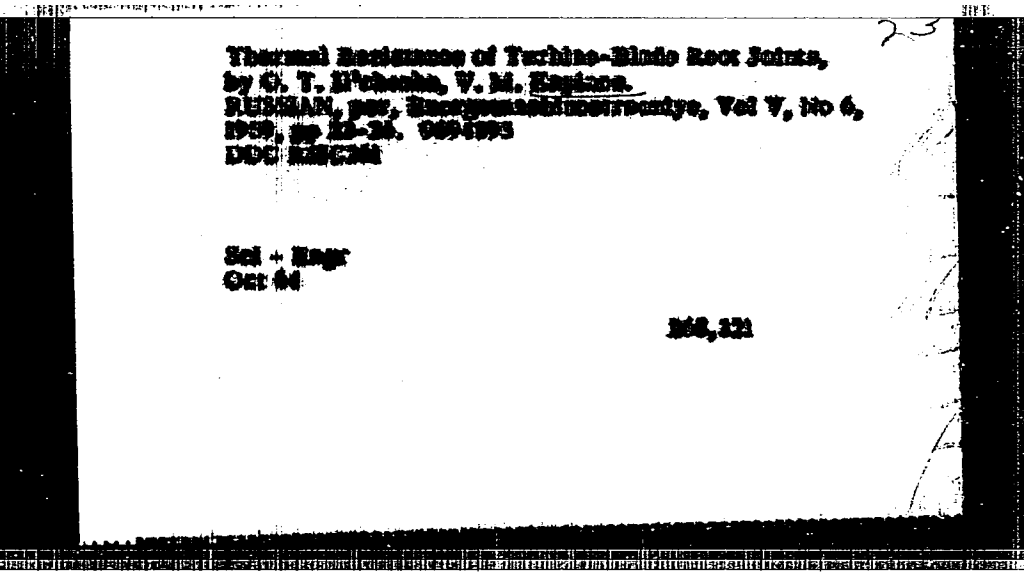
Sci

Jul 60

120,734

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



Thermal Resistance of Turbine-Blade Root Joints,
by G. T. Il'chenko, V. M. Kapitsa,
RUSSIAN, pub., Energomashinostroyeniye, Vol V, No 6,
1959, pp 22-24. 0004993
DDC [illegible]

Sci + Engr
Oct 64

368,121

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

35

Thermal Conductivity in the Layer Formed by Surface Irregularity, by V. M. Kaplans. O. T. Tsybenko, 17 pp.
RUSSIAN, par, In Vyssshih Uchab Zaved, Energet, No 9, 1958, pp 77-89. 9(2)2004
UDC 536.2-33

Sci - Phys
Nov 44

261,467

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Distribution of Temperature in the Blade
Coupling Section of Working Blades of a
Cooled Rotor, by V. M. Kapinos, 18 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Energetika, No 1, 1960, pp 78-88. 9670222

ATIC MCL-833/1

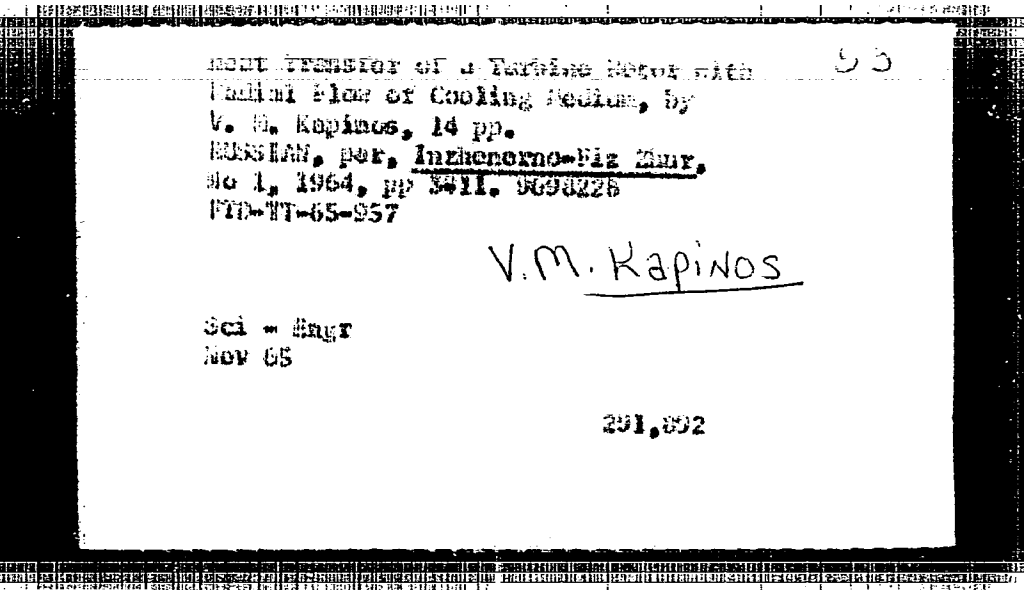
Sci - Engr

Jul 61

161,359

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



Heat Transfer of a Turbine Rotor with
Radial Flow of Cooling Medium, by
V. M. Kapinos, 14 pp.
RUSSIAN, per, Inzhenerno-Fiz Zhur,
No 1, 1964, pp 3-11. 3000226
FTD-TT-65-957

V.M. Kapinos

Sci - Engr
Nov 65

291,892

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Heat Transfer From a Freely Rotating Nonuniformly Heated Disk, by V. M. Kapinos, 12 pp.

RUSSIAN, Per, Inzhenerno-Fizicheskiy Zhurnal, Vol VI, No 3, 1963, pp 12-20.

JPRS 20334

Sci - Phys
Jul 63

7
237,349

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

On the Determination of Boundary Conditions for Heat Exchange in Turbodynamics, by V. M. Kapinos, 11 pp.

RUSSIAN, per, Inzhen-Fiz Zhur, Vol VI, No 8, 1963, pp 28-36.

JPRS 23705

Sci

Mar 64

253,815

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Investigating the Temperature Field of a Cooled Steam Turbine Rotor, by Ye. I. Bublikov, V. M. Kapinos, 15 pp.

RUSSIAN, per, Energomashinostroy, No 4, 1960, pp 8-12. 9670229

ATIC MCL-835/1

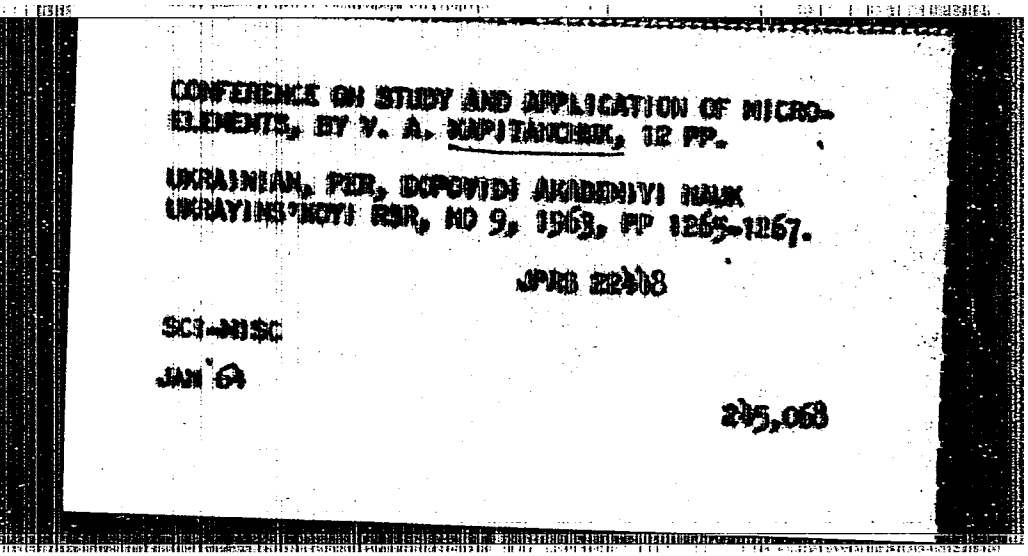
Sci - Engr

Jul 61

160,783

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



CONFERENCE ON STUDY AND APPLICATION OF MICRO-ELEMENTS, BY V. A. KAPITANCHUK, 12 PP.

UKRAINIAN, PER, DOPOVIDI AKADEMIYI NAUK UKRAYINS'KOYI RSR, NO 9, 1963, PP 1265-1267.

JPRS 22408

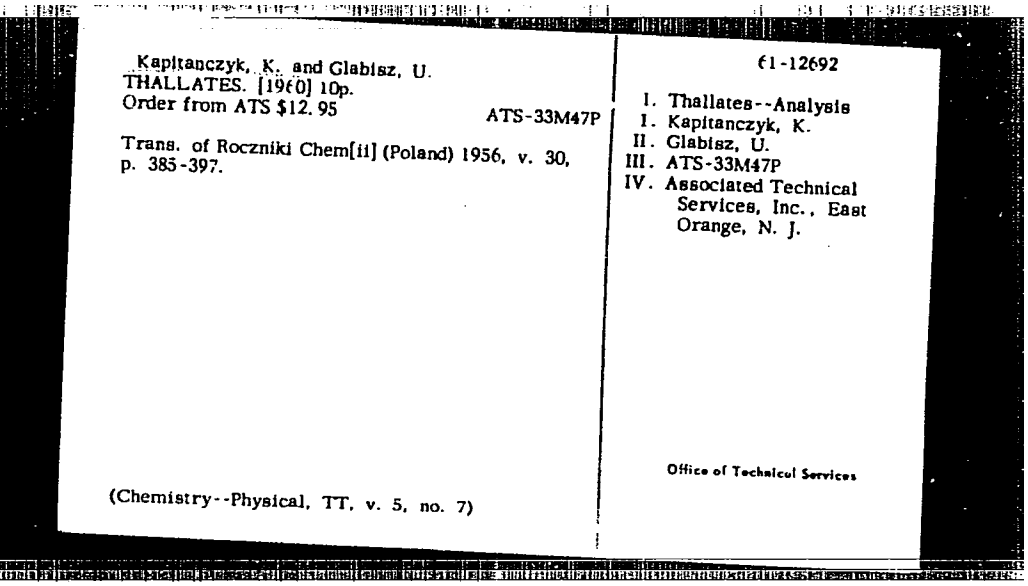
SCI-AN-SC

JAN 64

245,063

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



Kapitanczyk, K. and Glabisz, U.
THALLATES. [1960] 10p.
Order from ATS $12.95 ATS-33M47P

Trans. of Roczniki Chem[ii] (Poland) 1956, v. 30, p. 385-397.

(Chemistry--Physical, TT, v. 5, no. 7)

61-12692

I. Thallates--Analysis
I. Kapitanczyk, K.
II. Glabisz, U.
III. ATS-33M47P
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Determination of Aluminum Oxide in Metallic Aluminum, by Kazimierz Kapitanczyk, Zbigniew Kurzawa, Mieczyslaw Miedzinski, 6 pp.

POLAND, ~~yrbk~~, Roczniki Chemii, Vol XXX, No 607, 1956, pp 607-612.

FDD/X-3438

Sci - Chem, Min/Met
Mar 59

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

The Effect of Certain Hypotensive Preparations on the Reactivity of the Circulatory Apparatus, by P. E. Alasheyev, A. M. Kapitanenko, 5 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXI, No 5, 1958, pp 34-37.

Consultants Bureau

Sci - Med
Jun 59

89,308

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

TELEMETRY PROBLEMS AT THE SECOND ALL-UNION CONFERENCE ONTHE USE OF RADIOELECTRONICS IN BIOLOGY AND MEDICINE, BY R. A. KAPITANOV, 6 PP.

RUSSIAN, PER, MEDITSINSKAYA PROMYSHLENNOST' SSSR, VOL XVI, NO 11, 1962, PP 62-64.

JPRS 17672

SCI - MED

FEB 63

223,485

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

THE CONDITION AND THE PERSPECTIVES OF UTILIZATION OF COMMUNICATION, SIGNALING AND TELEMETRY IN THE THERAPEUTIC PROCESS, BY R. A. KAPITANOV, 11 PP.

RUSSIAN, PER, SOVETSKOYE ZDRAVOOKHRANENIYE, VOL XXI, NO 10, 1962, PP 52-58.

JPRS 17534

SCI - MED

FEB 63

221,669

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

The Use of Radiometric Methods for the Simultaneous Separate Determination of the Content of Uranium, Thorium, Radium and Potassium in Acid Igneous Rocks, by A. S. Serdyukova, Yu. T. Kapitanov, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 1, 1958, pp 88-94.

Consultants Bureau

Sci - Chem

Jan 59

79,041

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

(DC-4525)

Determining the True Rate of α-Counting During the Deposition of Radioactive Aerosols on FPP-15-1.7 and FPP-25-3.3 Filters, by Yu. T. Kapitanov, A. S. Serdyukova, L. V. Gorbushina, A. P. Korenkov, 15 pp.

RUSSIAN, per, Iz Vysshikh Uchab Zaved, Geol i Razvedka, No 4, 1960, pp 118-125.

JPRS 6381

Sci - Chem

135,828

Dec 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Experimental Use of α-Counting Methods for Determining the Absolute Geological Age of Rocks, by Yu. T. Kapitanov, A. S. Serdyukova.

RUSSIAN, per, Geokhimiya, No 7, 1957, pp 615-620.

ATS RJ-1358

Sci - Geophys

Jul 59

90,721

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Data on the Diagnosis of Anthrax in Cattle and Sheep, by M. V. Kapitanskiy, N. K. Semenyuk.
RUSSIAN, per, Veterinariya, Vol XL, NO 8, 1963, pp 77, 78. 9220018

USDA Tr V-1866

Sci - B & M Sci
Mar 64

251,397

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Civil Defense at Present, by Annet Kapitel, 13 pp.

NORWEGIAN, rpt, Innstilling fra Sivilforsvarskomiteen av 1957, Part I, 1960, pp 4-22.

ACSI I-22,4
ID 222734

WEur - Norway
Mil
Mar 63

224,844

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Kapitel, W.
SEPARATION OF FATTY ACIDS FOR ANALYTICAL PURPOSES IN A CHROMATOGRAPHIC COLUMN.
[1963] 13p. 3 refs.
Order from SLA $1.60 63-16295

Trans. of [Fette Seifen Anstrichmittel] (West Germany) 1956, v. 58, no. 2, p. 91-94.

DESCRIPTORS: *Fatty acids, Separation, *Chromatographic analysis, Hydrogenation.

(Chemistry--Analytical, TT, v. 10, no. 7)

63-16295

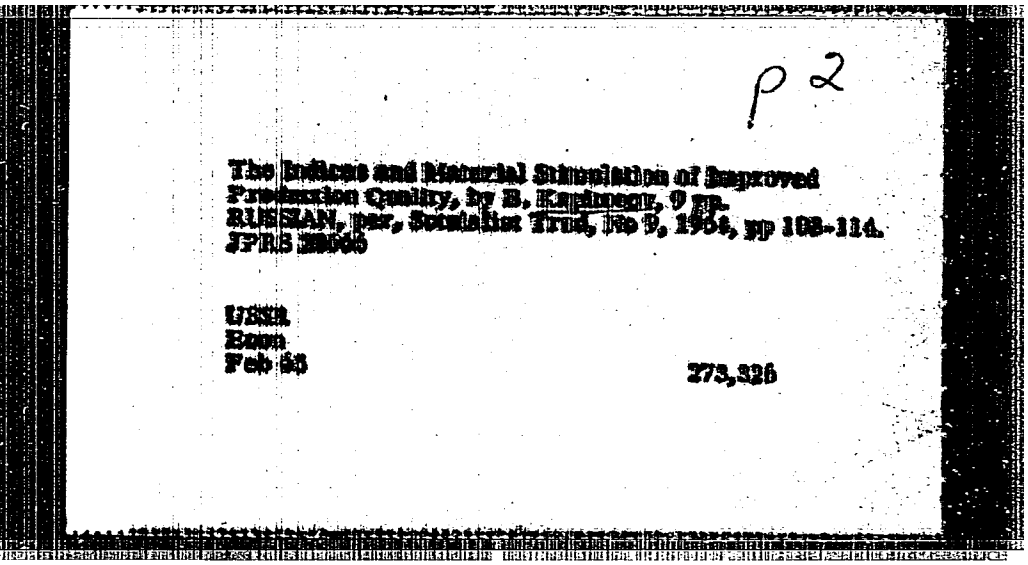
I. Kapitel, W.

A247381

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



p 2

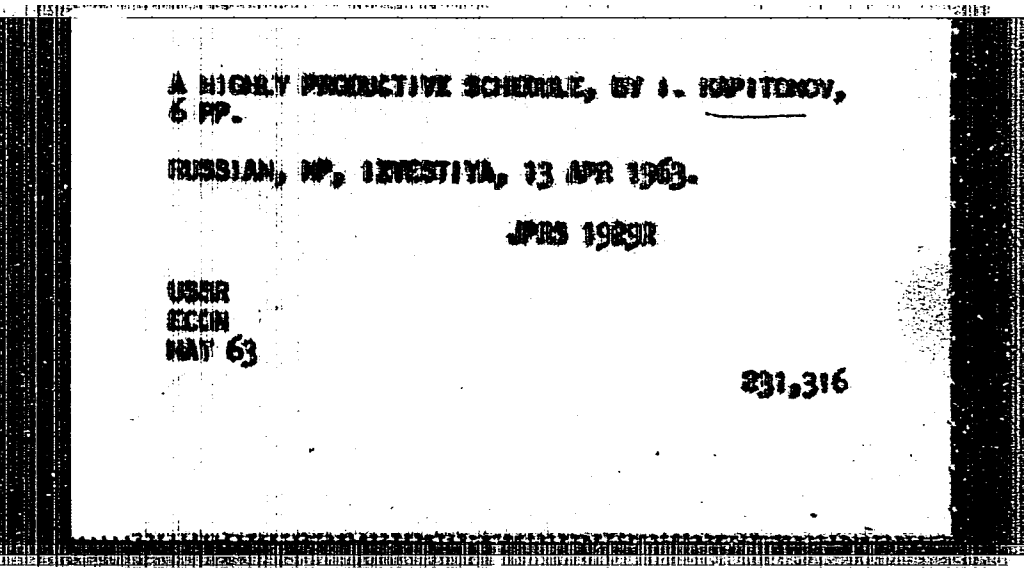
The Indices and Material Stimulation of Improved Production Quality, by B. Kaplunov, 9 pp.
RUSSIAN, per, Sotsialist Trud, No 9, 1954, pp 108-114.
JPRS 22046

USSR
Econ
Feb 63

273,326

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



A HIGHLY PRODUCTIVE SCHEDULE, BY I. KAPITONOV,
6 PP.

RUSSIAN, MP, IZVESTIYA, 13 APR 1963.

JPRS 19290

USSR
ECON
MAY 63

231,316

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Hot Rolling of Novikov Type Gear Wheels, by M. V. Vasilchikov, M. V. Bazbazich, I. M. Kapitonov, 3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XL, No 7, 1960, pp 46-49.

ERAGB

Sci
Aug 61

162,980

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Action of X-Rays on Mechanisms Regulating the Level of Free Histamine in Tissues, by E. I. Krichevskaya, G. V. Kapitonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959, pp 435-438.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120, 707

Sci

Jul 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Action of X-Rays on Mechanisms Regulating the Level of Free Histamine in Tissues, by E. I. Krichevskaya, G. V. Kapitonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959, pp 435-438.

AIBS

Sci -
Jul 60

121,073

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

The Effect of X-Rays on the Histamine-Binding Capacity of Tissues, by E. I. Krichevskaya, G. V. Kapitonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 1, 1958, pp 68-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

91,805

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

A Cytological Study of Ultraviolet-Irradiated Actinomyces Cells Subjected to Photoreactivation, by O. N. Kapitonova, 5 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXXII, No 3, 1963, pp 450-454,

CB

Sci

Apr 64

255,037

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

S-5150 (DC-2783).

Changes in the Content and Metabolism of Iron in Bone Marrow Under Local Effects of X-Rays, by Z. D. Kapitonova, 11 pp.

RUSSIAN, per, Voprosy Med Khim, Vol 5, No 1, 1959, pp 32-38.

JPRS-L-1793-D

USSR
Sci - Med - Radiation chemistry
Aug 59

93, 343

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

On the Eve of the Tenth Anniversary of the Chinese Peoples Republic, by Kapitsa.

RUSSIAN, np, Sovet Flot, 17 Sept 1959.

FBIS Daily Report

FE - China
Fol
Oct 59

99 501

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

The Nature of Central Antarctica--New Investigations by Soviet Scientists, by A. P. Kapitsa, 22 pp.

RUSSIAN, per, Priroda, No 9, 1964, pp 46- 56.

CIA/FDD X-5585

Sci
Apr 65

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Zamkr.
Dependence of the Form of the East Antarctic Ice Cap Upon Bottom Topography and Character of Ice Flow, by A. P. Kapitsa.

RUSSIAN, per, Informat Byull Sovet Antarticheskaya Ekspeditsiya, 1958, No 1, pp 41-46.

Univ of Wisconsin
(MSF)

113, 903

Sci - Geophys
Apr 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Characteristic Energy Losses on Reflection of Electrons from Monocrystals of Alkali Halides, by M. L. Knpitsa, S. A. Fridrikhov, A. R. Shul'man, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 3, 1960, pp 517-523.

AIP
Sov Phys-Solid State

Sci

138, 5-11

Feb 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Energy Distribution of Secondary Electrons from Oxide Coated Metal Surfaces, by M. L. Kapitza, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII, No 5, 1958, pp 557-560.

Columbia Tech

Sci - Phys

Jul 59

91, 618

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Photoelectric Emission of Systems W-Ba, Ba O and W-Ba, by A. R. Shul'man, M. L. Kapitsa, R L. Nemchenok, 7 pp

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 11, 1960, pp 2805-2812.

AIP
Sov Phys - Solid State
Vol II, No 11

Sci

158, 526

Jun 61.

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

The Thermionic Properties of Barium Tungstate, by M. I. Kapitsa, A. K I. Mel'nikov, A. V. Morozkov, B. N. Popov, P. B. Sobolevskaya, B. M. Tsarev, A. P. Shul'man, 9 pp.

RUSSIAN, per, Radiotek i Elektron, Vol III, No 8, 1958, pp 1010-1016.

Pergamon Press

Sci -
Aug 59

94, 997

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Morphology of Incompletely Developed "Non Infectious" Particles of Tobacco Mosaic Virus, by K. S. Sukhov, O. S. Kapitsa, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6, 1957, pp 1366-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,259

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Theory, Equipment, Practice, by P. Kapitsa.

RUSSIAN, np, Ekon Gazeta, No 13, 26 Mar 1962, p 10.

FDC
CIA X-4868

NLL Tech Bulletin
Vol 4, No 8, 1962

192, 346

Sci - Phys
19 Apr 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

USSR/ Sci

Problem of Liquid Air, by P. Kapitsa
RUSSIAN, Planned Economy, No 2, 1939. pp. 73-80

Jpr,

AEC Tr
RT-1856

CTS how 49 (7/49)

14 4822

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

TT-65-64028 Field 9A

HIGH-POWER ELECTRONICS: HIGHLIGHTS OF WORK BY P. L. KAPITSA. 13 Mar 63, 19p, 3refs. ATD-S-63-33; AD-621 692.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 692

I. Aerospace Technology Div. Library of Congress Washington, D. C.

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Cascade Compression Helium Liquifier with No External Refrigeration, by P. L. Kapitsa, I.B. Danilov, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 4, 1962, pp 457-460.

Amer Inst Phys
Sov Phys - Tech Phys
Vol VII, No 4

Sci

214,908

Oct 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Design of a Helium-Liquefying Cycle With Expansion Engines Connected in Cascade, by P. L. Kapitsa, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 4, 1959, pp 427-432.

AIP
Sov Phys-Tech Phys
Vol IV, No 4

Nov 59

109, 857

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Expansion Engine for Liquefaction of Helium, by P. L. Kapitsa, I. B. Danilov; 7 pp.
RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 4, 1961, pp 486-494.

AIP
Sov Phys-Tech Phys
Vol VI, No 4

Sci

170,086

Sep 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

(SF-2240)

THE FUTURE OF SCIENCE, BY P. L. KAPITSA, 19 PP.

RUSSIAN, PER, NAUKA I ZHIZN', VOL XXIX, NO 3, 1962, PP 18-23, 96-97.

JPRS 14042

SCI - MISC

JUN 62

29

198,6

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

123

Stability and the Critical Speed Region for Rapidly Rotating Rotors with Friction, by P. L. Kapitsa,
RUSSIAN, per, Zhurnal Tekh. Fiz., Vol IX, No 2, 1939, pp 124-147.
MLL 9022.08 (4179)

Sci-Phys
Apr 67

324,178

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Heat Conduction and Diffusion in a Fluid Medium With Periodic Flow. XXXXXX I. Determination of the Value of the Coefficient of Wave Transfer in a Tube, in a Crevice and in a Canal, by P. L. Kapitsa, 16 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXI, No 9, 1951, pp 964-978.

Sci Mus Lib No 53/0589

Scientific - Physics

Jun 53 CTS

2269

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

High Power Electronics
by P. L. Kapitsa, pp 50 pp.

RUSSIAN, per. Uspekh Fiz Nauk, Vol LXXVIII, No 1-2
1962, pp. 181-266, 9629305

Amer Inst of Phys
Sov Phys - Uspekhi
Vol V, No 5

FTD-TT-63-253

Sci

Jun 63

342,341

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Hydro-Dynamic Theory of Oiling for Rolling Processes, by P. L. Kapitsa, 13 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXV, No 4, 1955, pp 747-762.

CIA/FDD/Z-235

D.S.I. Tr 93 35, 482

Sci - Physics

Jun 1956

SLA R-3695

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

The Nature of Ball Lightning, by P. L. Kapitsa.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CI, No 2, 1955, pp 245-248, CIA.D 407352

AEC Tr 2569
Consultants Bureau
30,740

Scientific - Physics Jan 56 CTS/DEX

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Some Problems of the Organization of Scientific Work, by P. L. Kapitsa, 4 pp. CIA

RUSSIAN, np, Pravda, 4 May 1957, p 4.

D.S.I. Tr 296
(British)

USSR
Econ - Factories, research, employment
Sci - Misc, research
Jun 57

48,655

FDD only Z-375

Sci Mus Lib
52/64.66

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Report on the Organization of Scientific Work at the Institute of Physical Problems of the Academy of Sciences USSR, by P. L. Kapitza.

RUSSIAN, par, Vest Ak Nauk SSSR, Vol XIII, No 6, 1943, pp 75-98.

Sci Mus Lib Tr 56/3981

Sci - Physics
Jul 57

49,371

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Static Boundary ~~Z~~ Problem for a Hollow Cylinder of Finite Length, by P. L. Kapitza, V. A. Fok, L. A. Vainshtein, 11 p.

RUSSIAN, per. Zhur Tekh Fiz, Vol XXIX, No 10, 1959 pp 1177-1187.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 10, 1960

115,549

Sci

May 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Symmetric Electric Oscillation of an Ideally Conducting Hollow Cylinder of Finite Length, by P. L. Kapitsa, V. A. Fok, L. A. Vainshtein, 18 p.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 10, 1959 pp 1188-1205.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 10, 1960

Sci

115,550

May 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Undulatory Flow of Thin Layers of Viscous Liquid
III. Experimental Study of Undulatory Flow
Conditions, by P. L. Kapitsa, S. P. Kapitsa,

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XIX,
No 2, 1949, pp 105-120.

D.S.I.-4-1002
61-27536
26,915

Scientific - Physics

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

12 633 UK-30

KAPITSA P. L.

Undulatory flow of thin layers of viscous liquid. II. Flow in contact with a stream of gas and heat transfer

Zhur. Eksptl'. i Teoret. Fiz., 18, No. 1, 19-28 (1948)

M.1888: On loan - English

Euratom
61-23317

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Usem of Oxygen in the Melting of Steel in Open-Hearth Furnaces, by I. P. Bardin, P. L. Kapitsa, (reply by V. A. Mozharov).

RUSSIAN, per, Kislorod, Vol III, No 1, 1946, pp 12-14.

Brutcher Tr No 1895

Scientific - Minerals/Metals
$4.90

14,445

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Wave Flow of Thin Films of Viscous Liquids.
I. Free Flow, by P. L. Kapitsa.

RUSSIAN, per, Zhur Eksper Teoret Fiz, Vol XVIII,
No 3, 1948, p 194.

MLL M. 2751

Sci - Phys

180,035

Jan 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Wave Flow of Thin Layers of A Viscous Liquid. Part 2. Flow At Contact With A Gas Stream, and Heat Transfer, by P. L. Kapitsa, 18 pp.
RUSSIAN, per, Zh. Eksperim. i Teor. Fiz., Vol XVIII, 1948, pp 19-28.

AEC-Tr-6179

Sci - Phys
Feb 54

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Wave Flow of Thin Layers of a Viscous Liquid, Pt. 2. Flow at Contact with a Gas Stream, and Heat Transfer, by P. L. Kapitsa, 13 pp.
RUSSIAN, per, Zhur Eksperimental i Teoret Fiz, Vol XVIII, No 1, 1948, pp 19-28.
AEC-tr-6179

Sci - Eng
Jul 66 305,892

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Kapitsa, P. L.
WAVE FLOW IN THIN FILMS OF VISCOUS LIQUIDS. I. FREE FLOW [Volnovoe Techenie Tonikikh Sloev Vyazkoi Zhidkosti, I]. [1961] [16]p. 4 refs. C. E. Trans. 1768; [DSIR LLU] M. 3249. Order from OTS or SLA $1.60 61-27621

Trans. of Zhurnal Eksper[imental'noi i] Teor[eticheskoi] Fiz[ika] (USSR) 1948, v. 18, no. 1, p. 3-18. Another trans. is available from INSDOC as T. 832a.

DESCRIPTORS: Liquids, Viscosity, *Fluid flow, *Wave transmission

A theoretical study is presented of the flow of films of viscous liquids under the action of a constant volumetric force and with a consideration of surface tension. An approximate solution of the equation of flow is found showing that wave flow, which was observed

(Mechanics--Hydrodynamics, TT, v. 6, no. 9) (over)

61-27621

I. Kapitsa, P. L.
II. Title: Free...
III. CE Trans-1768
IV. DSIR LLU M. 3249
V. Central Electricity Generating Board (Gt. Brit.)
VI. INSDOC T. 832a
VII. Title: Undulatory flow of thin layers of viscous liquid

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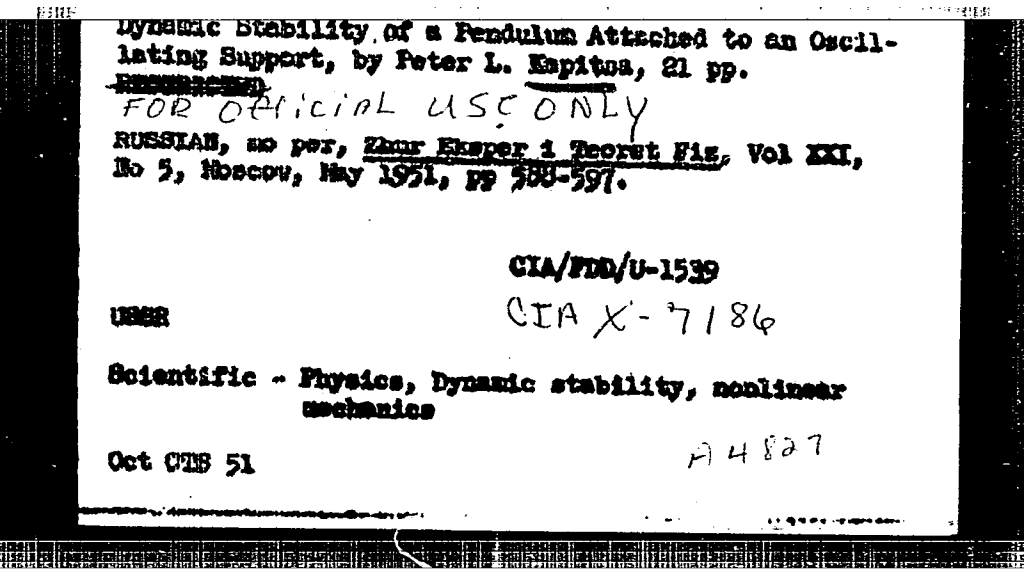
APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



Dynamic Stability of a Pendulum Attached to an Oscillating Support, by Peter L. Kapitsa, 21 pp.

FOR OFFICIAL USE ONLY

RUSSIAN, su per, Zhur Eksper i Teoret Fiz, Vol XXI, No 5, Moscow, May 1951, pp 588-597.

CIA/FDD/U-1539

USSR

CIA X-7186

Scientific - Physics, Dynamic stability, nonlinear mechanics

Oct CTB 51

A4827

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Working of the Blast Furnace of Oxygen-Enriched Blast, by A. A. Baikov, A. A. Pokhvisnev, P. L. Kapitsa and S. V. Kaftanov, 13 pp.

RUSSIAN, per, Kislorod, Vol I, No 1, 1944, pp 26-31. (Loan Copy only).

SLA R-1910

71,449

Sci

Aug 58

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Thoughtless Scientific Sensationalism, by L. A. Artsimovich, Peter Kapitsa, Igor Tamm, 4 pp.

RUSSIAN, mp, Pravda, 22 Nov 1959.

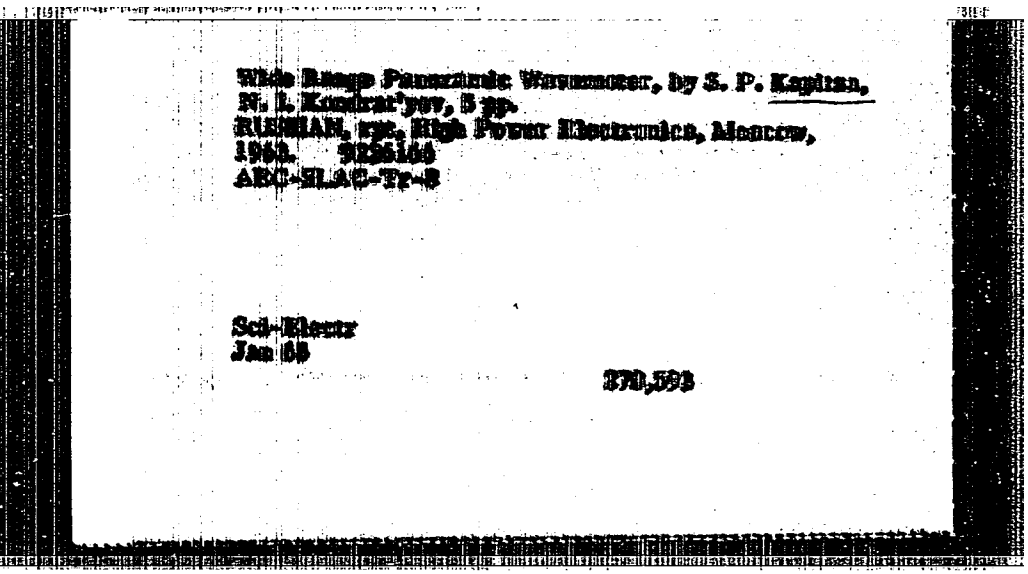
Internatl Arts and
Sci Press
Soviet Highlights
Vol II, No 1
Jan 60

108,670

USSR
Soc
Feb 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2



Wide Range Panoramic Wavemeter, by S. P. Kaplan, N. I. Kondrat'yev, 5 pp.
RUSSIAN, sgp. High Power Electronics, Moscow, 1963. 3256164
AEC-SLAC-Tr-8

Sci-Electr
Jan 65

370,593

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

A Solenoid With a Uniform Magnetic Field,
by S. P. Kapitsa, 15 pp.
RUSSIAN, dk, Elektronika Bol'shikhmoshchnostei,
Moscow, 1963, pp 109-118.
AEC-SLAC-Tr-7

Sci-Electr
Mar 65

274,955

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

Wide-Range Panoramic Wavemeter, by S. P. Kapitsa, N. I. Kondrat'ev, 6 pp.
RUSSIAN, bk, Elektronika Bol'shikhmoshchnostei, Moscow, 1963, pp 119-121.
AEC-SLAC-Tr-8

Sci-Electr
Mar 65

274,956

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

An Efficient High-Current Microtron, by
S. P. Kapitsa, V. P. Bykov,
11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 2, 1961, pp 368-384.

AIP
Sov Phys-JETP
Vol XIV, No 2

Sci
11 Jun 62

198,908

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2

New Effective Source of Fast Electrons, by S. P. Kapitsa, 8 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXXI, No 10, 1961, pp 65-69.

Navy Tr 2935/ONI 897

Sci-Phys

May 62

196, 134

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250044-2